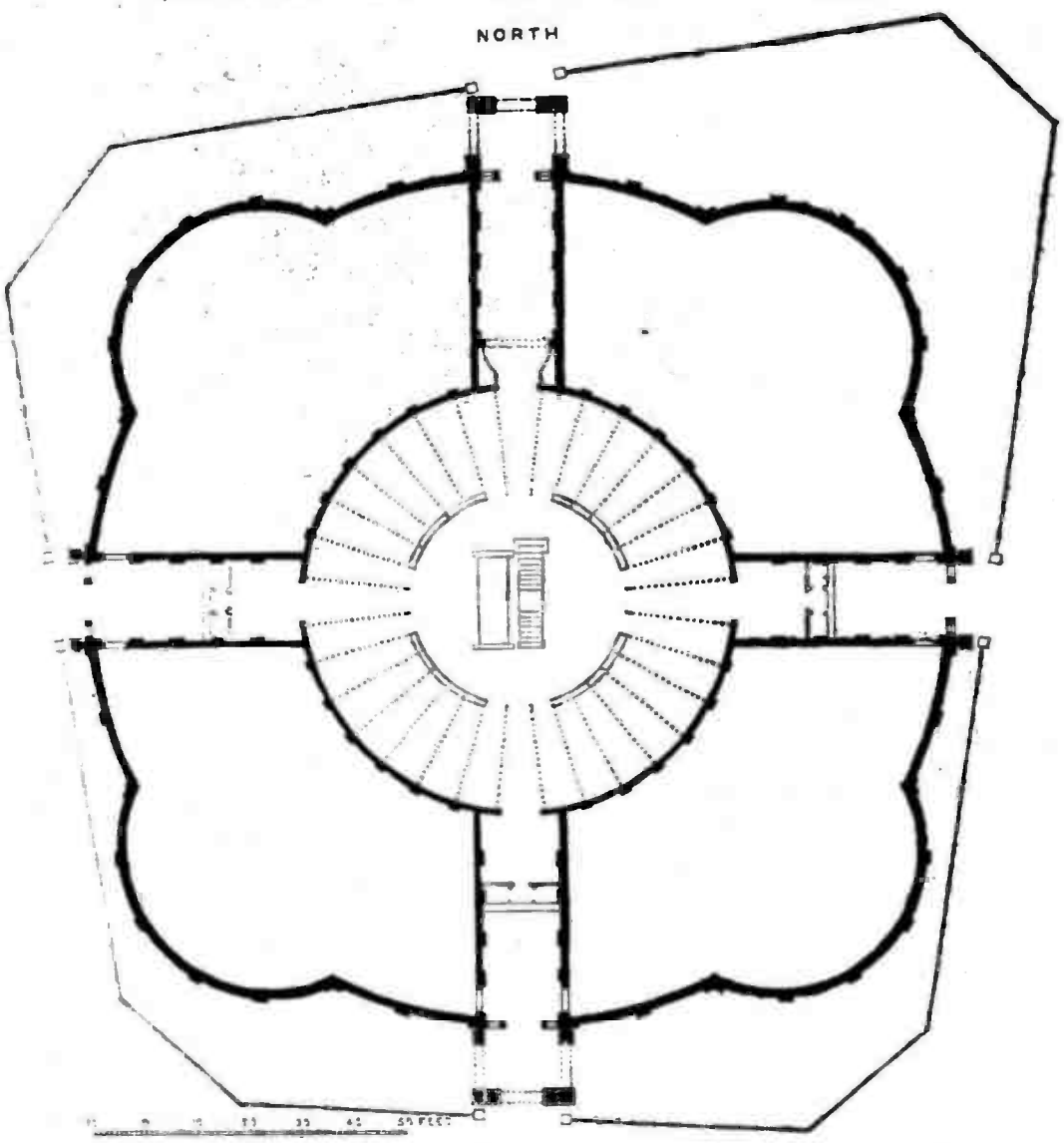
PLAN OF THE GREAT GLOBE-HOUSE, LEICESTER-SQUARE.



THE GREAT GLOBE-HOUSE, LEICESTER-SQUARE.

We give to-day a correct plan, not before published, and a perspective view of the building now in course of erection, in the centre of Leicester-square, for Mr. Wyld's great model of the world, to which we have before referred. The Globe will be figured on the *inside* instead of the outside of a sphere, and will be viewed from galleries at various heights. The frame of the Globe is formed of thirty-two large trusses, the position of which is marked on the plan. The enclosure is of brickwork, rendered externally with Portland cement. The Globe will be lighted by day from the centre of the dome (as at the Pantheon in Rome), and by gas at night.

The sills on the sleeper walls, to support the trusses, are 12 inches by 6 inches; and the main timbers of the trusses are also 12 inches by 6 inches; the collars being 8 inches by 6 inches and 6 inches by 6 inches respectively. The outer struts are 7 inches by 6 inches. The floor of the corridor consists of sills, 8 inches by 6 inches, resting on 32 intermediate piers. The joists are 7 inches by 2½ inches, and 14 inches from centre to centre. Supported by the 32 trusses is a circular curb, 12 inches wide by 6 inches thick, from which the semi-domed roof springs. The gallery uprights, 12 inches square, in two pieces, bolted together, are 42 feet 6 inches in height, and rest in cast-iron shoes, bedded on the sleeper walls. The frame of the Globe, which is nearly completed, is further formed of horizontal ribs, averaging in scantling 2½ inches by 3½ inches, and 2 feet from centre to centre, which are battened ready to receive the plaster modelling. The external diameter of the Globe, from batten to batten, is 60 feet 4 inches.

The covering of the dome is of lead. Skylights at the foot of the dome will light the corridor which is formed around the globe between the framing and the enclosing wall. The four outlying apartments will probably be appropriated for other exhibitions. Mr. Abrahams is the architect engaged upon the work,* and Mr. Myers the builder. Mr. Wyld has a lease of the site for ten years.

Dioramas.—The diorama mania, a pleasant and, we hope, profitable one, is spreading. Whitechapel has now its Illustration of the Route for Emigrants "from Waterloo-bridge Road to the Harbour at Sydney, in Australia;" and Southwark its "Tour from England to Paris." The former is painted by Mr. Frederick Fenton, and embraces views of Lisbon, Gibraltar, Cairo, Calcutta, &c.

* In our first notice of the building we gave the name of Mr. Welch as the architect. This was at that time perfectly correct, but the work afterwards changed hands.

London Gas Companies. — When the City companies failed in their strenuous endeavours to strangle the "Great Central Gas Consumers' Company" in its birth, we expressed an earnest hope that they might not succeed in smothering it next with amalgamative kindness. It scarcely surprises us now to find not only that "the City of London Gaslight and Coke Company" is acting the part of the too kind *foster* mother who is likely to do so, but that the "dear little infant" itself is rushing into the arms so lovingly extended towards it. A petition, it appears, is about to be presented to the City Sewers Commission by the Great Central Gas Consumers' Company, praying the approval of the commission to an arrangement for amalgamation with the City of London Gaslight and Coke Company! Mr. Deputy Harrison has already given notice that he will present such a petition. All we have now to do with this question is to record the fact.——A reduction of the price of gas to 4s. a thousand cubic feet has recently been announced by another of the metropolitan gas companies.

New Patent v. Burglars.—H. S. Ridley, of Vincent-square, Westminster, surveyor, and J. Edser, of St. James's-terrace, in the said city, builder, for a safety hinge and certain apparatus for the detection of burglars and prevention of burglaries.

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